

## FORM PTO-1449

Attorney Docket:

20002.0302

Application No.:

10/615,936

**INFORMATION DISCLOSURE CITATION**

Applicants:

M. Rajagopalan et al.

Examiner:

To Be Assigned

Filing Date:

July 10, 2003

Group Art Unit:

3711

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	REF. NO.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS
DA	AA	6,511,388	1/03	Dewanjee	473	377
	AB	6,500,073 B1	12/31/02	Gobush et al.	473	199
	AC	6,488,591 B1	12/3/02	Gobush et al.	473	199
	AD	6,486,261	11/02	Wu et al.	525	332.6
	AE	6,462,303 B2	10/8/02	Brown	219	121.69
	AF	6,409,615 B1	6/25/02	McGuire et al.	473	383
	AG	6,383,092 B1	5/7/02	Ogg	473	378
	AH	6,379,138 B1	4/30/02	Puniello et al.	425	116
	AI	6,355,715 B1	3/02	Ladd et al.	524	432
	AJ	6,351,161 B2	2/26/02	Schneider et al.	327	108
	AK	6,338,684 B1	1/15/02	Winfield et al.	473	378
	AL	6,315,915 B1	11/13/01	Hebert et al.	216	67
	AM	6,315,680	11/2001	Dalton et al.	473	373
	AN	6,290,615 B1	9/18/01	Ogg	473	378
	AO	6,290,611	9/2001	Rajagopalan et al.	473	371
	AP	6,286,364 B1	9/11/01	Aoyama et al.	73	65.03
	AQ	6,277,034	8/01	Nesbitt et al.	473	372
	AR	6,267,694	7/01	Higuchi et al.	473	374
	AS	6,241,622 B1	6/5/01	Gobush et al.	473	199
	AT	6,235,230 B1	5/22/01	Puniello	264	278
	AU	6,213,898 B1	4/10/01	Ogg	473	383
	AV	6,207,784	3/01	Rajagopalan	528	71
	AW	6,180,722 B1	1/30/01	Dalton et al.	525	193
	AX	6,180,040 B1	1/30/01	Ladd et al.	264	248
	AY	6,149,535	11/21/00	Bissonnette et al.	473	354
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	BA	6,129,881	10/10/00	Puniello	264	278
	BB	6,129,640	10/2000	Higuchi et al.	473	374
	BC	6,124,389	9/2000	Cavallaro et al.	524	432
	BD	6,117,024	9/00	Dewanjee	473	351
	BE	6,103,822	8/15/00	Housel et al.	524	840
	BF	6,075,223	6/13/00	Harrison	219	121.85
	BG	6,056,842	5/2/00	Dalton et al.	156	243
	BH	5,981,658	11/9/99	Rajagopalan et al.	525	72
	BI	5,981,654	11/9/99	Rajagopalan	525	66
	BJ	5,976,035	11/99	Umezawa et al.	473	364
	BK	5,971,870	10/99	Sullivan et al.	473	371
	BL	5,965,669	10/1999	Cavallaro et al.	525	221
	BM	5,959,059	9/00	Vedula et al.	528	76

Examiner

David B. Butler

Date Considered

5/18/05

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BN	5,957,787	9/28/99	Hwang	473	379
BO	5,947,842	9/1999	Cavallaro et al.	473	373
BP	5,929,189	7/1999	Ichikawa et al.	528	76
BQ	5,919,100	7/6/99	Boehm et al.	473	354
BR	5,908,358	6/99	Wu	473	378
BS	5,902,855	5/99	Sullivan	525	221
BT	5,888,437	3/99	Calabria et al.	264	135
BU	5,885,173	3/99	Keller	473	385
BV	5,885,172	3/1999	Hebert et al.	473	354
BW	5,859,153	1/99	Kirk	525	481
BX	5,856,388	1/99	Harris et al.	524	320
BY	5,849,168	12/15/98	Lutz	264	755
BZ	5,833,553	11/98	Sullivan		
CA	5,827,134	10/98	Sullivan et al.	473	372
CB	5,820,488	10/13/98	Sullivan et al.	473	374
CC	5,816,937	10/1998	Shimosaka et al.	473	354
CD	5,813,923	9/1998	Cavallaro et al.	473	373
CE	5,810,678	9/1998	Cavallaro et al.	473	373
CF	5,803,831	9/1998	Sullivan		
CG	5,759,676	6/1998	Cavallaro et al.	428	215
CH	5,744,549	4/98	Lutz	525	129
CI	5,733,428	3/98	Calabria et al.	264	134
CJ	5,713,801	2/3/98	Aoyama	473	354
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CM	5,681,898	10/1997	Pocklington	525	193
CN	5,661,207	8/26/97	Carlson et al.	524	414
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CQ	5,601,502	2/97	Hiraoka et al.	473	373
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CS	5,575,477	11/19/96	Hwang	473	379
CT	5,575,472	11/96	Magerman et al.	29	530
CU	5,565,524	10/96	Hamada et al.	525	208
CV	5,562,552	10/8/96	Thurman	473	379
CW	5,556,098	9/1996	Higuchi et al.	473	373
CX	5,553,852	9/96	Higuchi et al.	473	373
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CZ	5,496,496	3/96	Kajita	252	182.24
DA	5,492,972	2/96	Stefani	525	196
DB	5,484,870	1/96	Wu	528	28

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DR	DC	5,467,994	11/95	Moriyama et al.	273	222
	DE	5,461,109	5/95	Donofrio et al.	524	839
	DF	5,456,972	10/10/95	Roth et al.	428	224
	DG	5,439,227	8/1995	Egashira et al.	273	228
	DH	5,415,937	5/95	Cadorniga et al.	428	407
	DI	5,403,453	4/4/95	Roth et al.	204	164
	DJ	5,387,637	2/95	Sullivan	524	493
	DK	5,368,304	11/94	Sullivan et al.	273	220
	DL	5,334,673	8/94	Wu	273	235
	DM	5,316,298	5/94	Hutin et al.	273	78
	DN	5,314,187	5/1994	Proudfit	273	235R
	DO	5,298,571	3/94	Statz et al.	525	330
	DP	5,253,871	10/1993	Viollaz	273	228
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	DR	5,248,878	9/28/93	Ihara	219	121.69
	DS	5,222,739	6/93	Horiuchi et al.	473	356
	DT	5,184,828	2/1993	Kim et al.	273	228
	DU	5,159,035	10/92	Evani	526	196
	DV	5,150,906	9/92	Molitor et al.	273	220
	DW	5,120,791	6/92	Sullivan	525	196
	DX	5,104,126	4/92	Gentiluomo	273	238
	DY	5,072,944	12/1991	Nakahara et al.	273	220
	DZ	5,071,578	12/10/91	Ohkubo et al.	252	62.54
	EA	5,068,151	11/91	Nakamura	428	407
	EB	5,026,067	6/91	Gentiluomo	273	220
	EC	5,006,297	4/91	Brown et al.	264	234
	ED	5,002,281	3/1991	Nakahara et al.	273	220
	EF	5,000,459	3/91	Isaac	473	356
	EG	4,986,545	1/91	Sullivan	473	372
	EH	4,984,804	1/91	Yamada et al.	473	372
	EI	4,968,752	11/90	Kawamoto et al.	525	194
	EJ	4,960,281	10/2/90	Aoyama	273	232
	EK	4,956,438	9/11/90	Ruetman et al.	528	60
	EL	4,925,193	5/15/90	Melvin et al.	273	232
	EM	4,919,434	4/1990	Saito	273	235
	EN	4,914,152	4/90	Miyashita et al.	525	68
	EO	4,884,814	12/89	Sullivan	514	524
	EP	4,863,167	9/1989	Matsuki et al.	273	62
	EQ	4,858,924	8/89	Saito et al.	273	62
	ER	4,848,770	7/1989	Shama	273	228
	ES	4,781,383	11/88	Kamada et al.	273	228

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Daniel Butler

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DR	ET	4,714,253	12/1987	Nakahara et al.	273	228
	EU	4,674,751	6/1987	Molitor et al.	473	385
	EV	4,650,193	3/1987	Molitor et al.	273	228
	EW	4,625,964	12/1986	Yamada	273	62
	EX	4,560,168	12/24/85	Aoyama	273	232
	EY	4,499,239	2/85	Murakami et al.	525	111
	EZ	4,431,193	02/1984	Nesbitt	273	235R
	FA	4,398,000	8/83	Kataoka et al.	525	437
	FB	4,389,365	6/21/83	Kudriavetz	264	297.8
	FC	4,337,947	7/82	Saito et al.	473	356
	FD	4,234,184	11/80	Deleens et al.	473	378
	FE	4,141,559	2/1979	Melvin et al.	473	372
	FF	4,123,061	10/78	Dusbiber	273	220
	FG	4,090,716	5/78	Martin et al.	473	384 X
	FH	4,062,825	12/77	Watabe	260	37 N
	FI	3,989,568	11/76	Isaac	156	182
	FJ	3,808,077	4/74	Rieser	156	102
	FK	3,490,146	1/70	Guichet	433	69
	FL	3,359,231	12/67	Kent	524	493
	FM	3,310,102	3/67	Trombe	165	133
	FN	3,262,272	7/26/66	Barauskas et al.		
	FO	3,147,324	9/64	Ward		
	FP	696,366	3/1902	Kempshall		
	FQ	696,353	3/1902	Richards		

REF. NO.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
DR	FR	WO 98/37929	9/98	PCT		
	FS	GB 2 335 368 A	9/99	Great Britain		
	FT	0 637 459 A1	2/95	European Patent Office		
	FU	2 260 546	4/93	United Kingdom		
	FV	2 267 908	12/93	United Kingdom		
	FW	2 278 609	12/94	United Kingdom		
	FX	142228	5/94	Japan		

REF. NO.	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
DB	FY Raj B. Durairaj et al., "Cast Polyurethanes From Resorcinol-Based Aromatic Diols" (Oct. 10-14, 1998).
	FZ Raj B. Durairaj, "HER Materials For Polyurethane Applications" (Spring, 1999).
	GA U.S. Patent Publication No. 2003/0232666
	GB U.S. Patent Publication No. 2003/0220464

Examiner <i>David Butler</i>	Date Considered <i>5/18/05</i>
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GC	U.S. Patent Publication No. 2003/0212240
GD	U.S. Patent Publication No. 2003/0158001
GE	U.S. Patent Publication No. 2003/0153716
GF	U.S. Patent Publication No. 2003/0125134
GG	U.S. Patent Publication No. 2003/0119989
GH	U.S. Patent Publication No. 2003/0114255
GI	U.S. Patent Publication No. 2003/0106442
GJ	U.S. Patent Publication No. 2003/0096936
GK	U.S. Patent Publication No. 2003/0088048
GL	U.S. Patent Publication No. 2003/0078348
GM	U.S. Patent Publication No. 2002/0160862
GN	U.S. Patent Publication No. 2002/0160859
GO	U.S. Patent Publication No. 2002/0082358
GP	U.S. Patent Publication No. 2002/0079615
GQ	U.S. Patent Publication No. 2002/0028885
GR	U.S. Patent Publication No. 2002/0025862
GS	U.S. Patent Publication No. 2001/0009310 A1
GT	U.S. Patent Application No. 10/409,092 filed April 9, 2003 entitled "Water Resistant Polyurea Elastomers for Golf Equipment"
GU	U.S. Patent Application No. 09/717,136 filed November 22, 2000 entitled "Method of Making Golf Balls"
GV	U.S. Patent Application No. 09/442,845 filed November 18, 1999 entitled "Mold For A Golf Ball"

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